

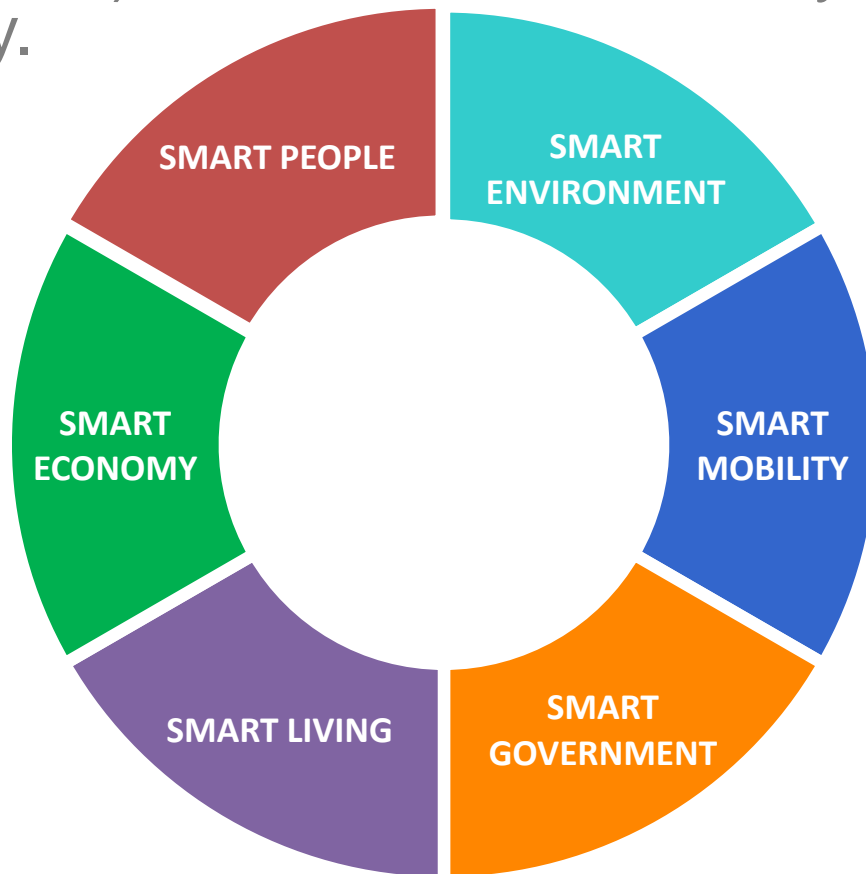
# SMART CITY



**City Council Budget Goal Setting Session  
June 8, 2016**

# Smart City Definition

A Smart City uses information and communication technology (ICT) to enhance its livability, workability, and sustainability.



- Health
- Safety
- Quality of Life

- 
- Buildings
  - Water
  - Energy
  - Air Quality

- Transparency and Open Data
  - ICT & E-government
  - City Planning & Operations
  - Digital Inclusion
-

# Smart Cities Timeline

2005

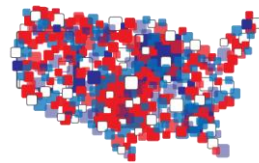
Clinton Global Foundation challenges Cisco to make cities more sustainable

2008-2012

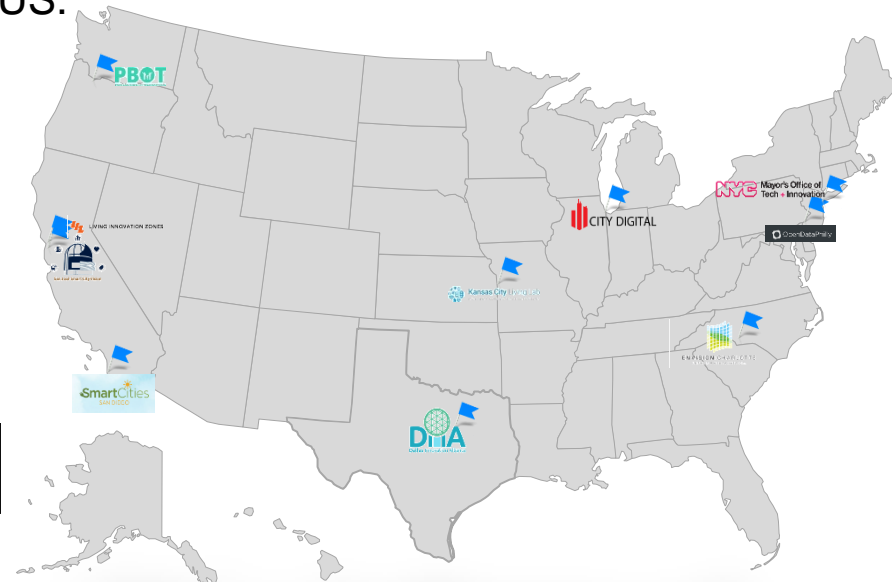
IBM launches Smarter Planet program & Smarter Cities program, Cisco launches Smart + Connected Communities program, Smart Cities Council is formed

2015-Present

The White House announces a Smart City initiative Smart City Efforts expand across US.



ENVIION: AMERICA.



# Why Smart Cities?

## Competitiveness

Cities are increasingly competing for investments, jobs, businesses, and talent for economic success.



## Population Growth

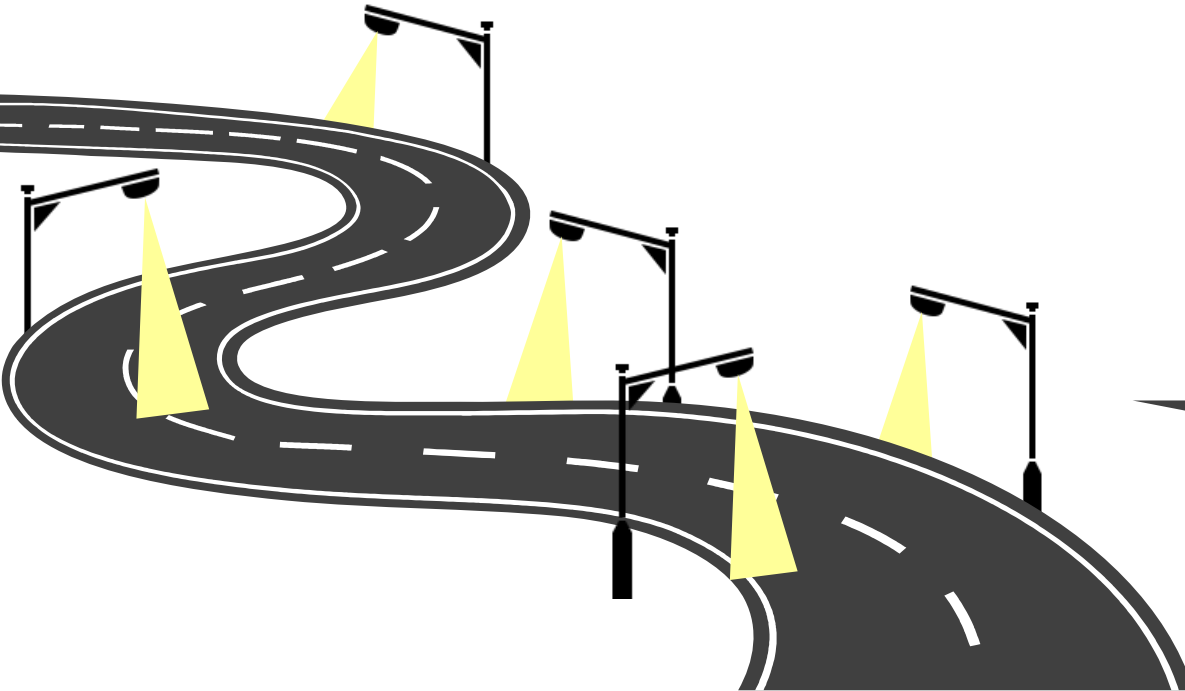
By 2040, our city is expected to add over 1 million people.

## Technology Capabilities

Technology capabilities are rapidly improving and costs are decreasing, providing opportunities to improve service and be more efficient.



# COSA Projects



**LED Streetlights**



**Municipal Building  
Retrofit**



**Court  
Kiosks**

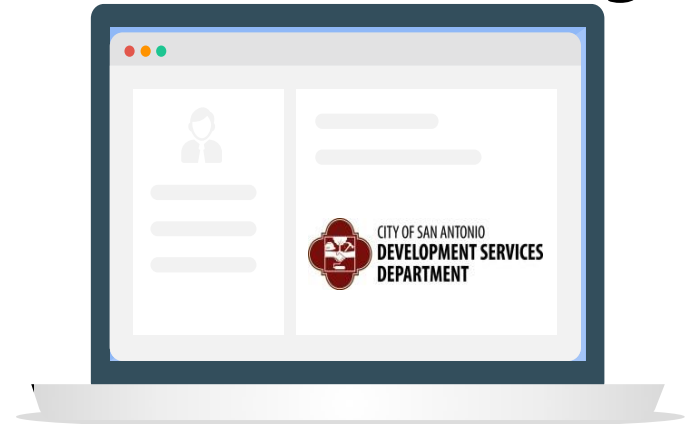


# COSA Projects

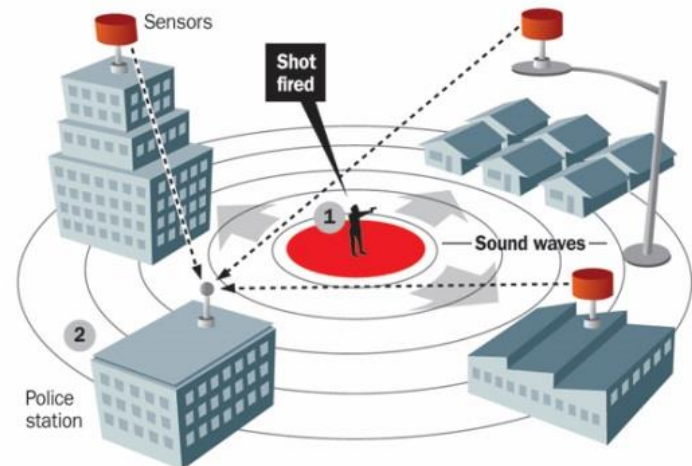
## **OPENGOV**



## **Build SA Online Permitting**

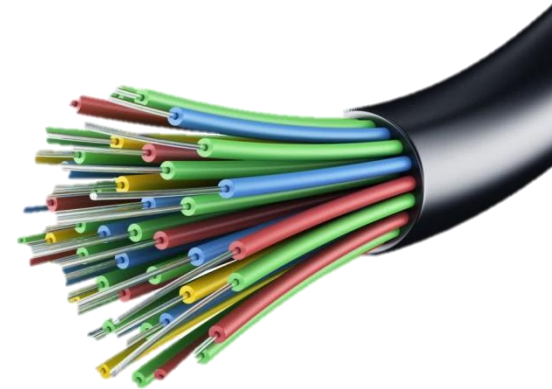


## **ShotSpotter**



# Gigabit Community

- Google Fiber & ATT in backhaul construction
  - Once completed, begin connecting neighborhoods
  - Community will have faster path to internet
  - Online City services expectations will increase
  - Potential partnerships to enhance COSANet fiber



# Smart City Community

- Conference Attendance



- Engaging Smart City Community



**Kansas City Living Lab**  
BUILDING SMART CITIES OF THE FUTURE





# Recommended Focus Areas

- Use SA Tomorrow as guideline
  - Transportation
  - Sustainability
  - Connected Living
- Use SA Tomorrow Regional Centers as potential pilot areas

